



**Grade 3 Math: Weeks 31 – 36 April 22- June 4  
2012-2013**

Standards		Lessons	Teacher Notes						
Standards with Red Keys are priority standards.									
<div></div> <p><b>3.OA.7 – Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that 8 x 5 = 40, one knows 40 ÷ 5 = 8) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.</b></p> <p><b>Learning Target:</b> I can recall (from memory) <b>ALL</b> products of two one-digit numbers.</p>	<div>▶</div>	<p><i>To address the KCAS Standards, the following should be included in instruction:</i></p> <p><b>Math Investigations</b> Unit 9: 4A.1, 4A.2, 4A.3</p> <table border="1"><tr><th colspan="2">Formative Assessment Opportunities</th></tr><tr><td>3.OA.7</td><td></td></tr><tr><td>3.MD.2</td><td></td></tr></table> <p><b><u>Vocabulary</u></b> measure, liquid volume, mass, weight, standard units, metric, gram (g), kilogram (kg), liter (L)</p> <p><a href="http://www.amathsdictionaryforkids.com">www.amathsdictionaryforkids.com</a></p>	Formative Assessment Opportunities		3.OA.7		3.MD.2		
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3.MD.2									
<div></div> <p><b>3.MD.2 – Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.</b></p> <p><b>Learning Targets:</b> I can measure and estimate liquid volume using liters. I can measure and estimate masses of objects using grams and kilograms. I can add, subtract, multiply or divide to solve word problems involving masses or liquids and use a drawing to represent the problem.</p>	<div>★</div> <div>▶</div>								